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THE HORN SPEAKER

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statement, page 2.

DEALER REPLIES

Bob and Kathy Botto

We are dealers in vintage radios, phonographs, telephones and musical memorabilia. This is evident by the fact that we have a permanent store (our 6th year in one location), are listed in the yellow pages, pay Texas state sales tax quarterly and pay Federal income tax on our profits. We are also collectors. This is evident by our house full of old radios, phonographs and other items which we love to show and demonstrate. We take the opportunity to offer a reply to an article in the October 1990 issue of THE HORN SPEAKER (page 8) which states that greedy dealers, many unknowledgeable, are forcing the "common collectors" out of what is "fast becoming a rich man's hobby".

An honest, knowledgeable dealer is a great asset to the hobby. We sell to the public at retail prices offering quality merchandise and service. Our radios are electronically restored to safe working order and offered with up to a year warranty covering parts and labor. Similar warranties are offered with our other merchandise. Our prices reflect our cost, labor and restoration and a reasonable profit. We refinish radios only when absolutely necessary and supply good reproduction parts where original parts are unavailable. Through the years we have watched many of our customers buy an item on a whim of nostalgia or for a decorative purpose and soon blossom into avid collectors. We understand the mentality of avid collectors. We went into business to support that habit and now enjoy both the business and the hobby as mutually beneficial activities. To our casual customer turned collector we stress the benefits of membership in collectors' organizations and the acquisition of literature and knowledge of the collecting specialty. We are members and past officers of the Houston Vintage Radio Association (HVRA) and frequent exhibitors with HVRA and the Vintage Radio and Phonograph Society. Our business provides collectors with a ready source of parts, literature and restoration resources. We use our network of sources to locate scarce items for them. Some days our store serves as a regular "HVRA hangout". Yes, all the talking and swapping can interfere with sales to the public, but its the collector fellowship that provides the fun in collecting. In our opinion no "high dollar" radio can take that fun away.

Is radio collecting becoming a rich man's hobby? It is true that certain types of radios seem to be caught up in an endless price spiral. I believe supply and demand rules this situation, as our hobby expands and as the supply of truly scarce and desirable sets in open trade continues to dwindle. Yes, collecting mirror radios and catalin sets is now a rich man's hobby but what about all those thousands of models from the 20's through 50's that still bring under $100 each in excellent restorable condition? How about those rare sets which somehow missed the average collector appeal? What about literature -- the desirable flyers, ads, catalogs, books and magazines that can be had for just a few dollars each? What about headsets detectors, tubes, etc., that are still well within the reach of the modest budget. We maintain that there is an abundance of low cost material available to the radio collector and will be for very many year to come. We enjoy supplying a certain record collector who visits our shop each week to spend his collecting budget of $1.00 to $2.00. judging from the smile on his face we know he's having fun.

Collectors need good, knowledgeable dealers. Dealers need good, knowledgeable collectors. We have met unscrupulous examples of both. We avoid them and do not deal with them. This is our best weapon against them. we think price guides for radios are absurd. We do not buy, sell or use them. We offer an opinion of value only on inspection based on our knowledge of the market and effort required to restore a set. We often offer the seller the option of consignment whereby the store receives a fixed percentage commision. We refuse to let the high price of certain radios rob us of the joy of collecting. We collect what we can afford and, for us, the existence of the high dollar sets only makes the search for a flea market bargain more exciting We are accustomed to seeing unrestored, overpriced radios in antique shops sit for long periods. The situation does not concern us for two reasons: it makes our own merchandise appear more desirable to the buyer (especially with the warranty) and it is self-correcting: the prices drop eventually after it becomes clear that these sets will not move. The best source of radios for the collector is the club auction where prices are set by competition amongst the knowledgeable.

An important aim of collecting should be the preservation of our heritage. This aim is best served by an increase in collecting, together with the knowledge and skills of restoration. Bringing new collectors in the hobby increases competition and prices for the rest of us, but results in the preservation of an ever increasing portion of our radio heritage for the pleasure of collector generations beyond us.

Happy collecting!
Bob and Kathy Botto

The Fable of the "Ham" and the 4KW

WITH APOLOGIES TO GEORGE ADE.

By CHAS. K. FULGHUM

Way back in the twenties there was a ham and he was the "hammiest" ham that ever was; for he isn't now. His name was Alfred. From the first, everyone knew that he was cut out to be something, the opinions of what it was varied. .Mamma said that he was a genius and what the Neighbors said can't be told on these pages. AIfred was a born scientific investigator from the start.

Mamma used to tell at the club how Alfred was fond of watching the lightning. Personally we think it was wonderful how he ever saw it. At the mere mention of thunder, Alfred would exhibit a sudden fondness for hide and seek in the vicinity of his mother's bed; with due Emphasis on the hide.

The family cat could also tell of experiences such as being used as a static machine with attempts made to light the gas. The experiment was never successful. AII in aII, Alfred was a wonder.

More than one family discussion took place in settling the source, and it was usually hung Up to mama's Ancestors. Father as a rule fought shy because there were some of the boys who remembered that at one time he had sold oil stock.

Now when Marconi first found that the air waves would allow a few watts to be dumped into it without protest, AIfred was of little consequence to the census taker. But when he began to comprehend, the family limousine was minus a spark coil and the telephone suffered similar ravishes.

After the discussion that followed, which ended with Father in a corner, it was decided that Alfred needed an allowance to enable him to continue his experiments. Alfred had known this all along, but it took Mamma to bring home the bacon.

Now it happened that about the town there were several other fellows who read the papers, and it is a well-known fact that radio is contagious. Thus when AIfred's neat little two-inch split the air, there were others of perhaps not as nice a finish who also buzzed and sputtered and made things nasty for our hero when he wanted to listen to Arlington. Mamma even called on some of the boys' mothers to see if they could not find another time to fool with their Wireless. While she did not get the cold shoulder, she was not assured of clear air for her son to put his antenna into.

When the boy around the corner, who had always spent his evenings at the library, began to run up the family's light bill, with a quarter K.W. transformer, AIfred's parents called a directors' meeting and it was but a few days when the power company had another source of burned out meters to look after. Alfred thought that kick-back was what a mule did.

To Mamma the whole situation was one of Alfred trying to revolutionize the whole radio world, and at the same time bucking the whole gang alone. In order that there might be a more general spread of the knowledge of radio, the gang organized and Alfred was asked, with many Forebodings, if he would join. It was discovered that Alfred did not care to affiliate himself in any way with the club. Plainly he was running on his own hook.

As time progressed, The club grew and some of the members began to get something else than statics with their apparatus. Ohms' law was more or less under observation at some of the meetings and a few could figure out their own power bill. Radio periodicals were digested with more or less assimilation of contents other than the A.D.V.'s. In other words, the club progressed.

Now, Alfred was not left in the cold by this in any way, although reading always was hard on his eyes and he had to spell out any word that was longer than cat. To use the life work of the great Webster did not appeal and was too much work, therefore "Whiz Bang' occupied the place in his bookshelf that RADIO NEWS should have. His Capacity was about .0000000 m.f. He was aware that copper would conduct an electric current.

Now the town had a paper, and when there was no bargain sale A.D.V. to fiII in the space, the editor would

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run around to the club and get a bit of news. It, was thus that one day the paper announced that the club had been, heard in Oschosk which was miles and miles away, and since the editor had met a friend who was known to be an expert on home brew, two whole columns were devoted to the article. In fact the editor had stretched his very elastic imagination until it seemed that it would never regain normalcy.

AII of which did not promote good Feelings on the part of Alfred toward the club.

Traffic had by this time become so great that the club prescribed regular hours for its members to transmit. It was at just such moments that Alfred had his important work to do, and when he opened up on the ether with his quarter K.W. set which was tuned like a second-hand concertina, you could hear him on everything on 9,000 meters down.

When club members asked him to transmit at regular hours, they were told to abide in the place of no coal bills.

Alfred's sending rate was about three words a minute, and if you were not partticular about the spacing, he could give you his like an old-timer. He was in the habit of sending everything, and if you were of Chinese parentage you could perhaps have understood some of it. The only foolish thing that he did not try was to send a S.O.S.

The club suffered along for a while, and when some of the back dues were paid up, they made the purchase of a real ONE K.W. TRANSFORMER. Now this at times bothered Alfred, and if his set had been in adjustment he might have suffered a pair of burnt out phones. So when one day he was looking through the classified A.D.V.'s he ran across a 4-K. W. transformer. What this meant as to juice, he was uncertain, but he was sure that it would disturb the air. Hence when one day Father paid express charges on some 300 pounds of junk, Alfred went about the house with a smile on his face. He would transmit now. Somebody in that club was surely in for a pair of busted eardrums.

Now, whoever rated the watt burner that had fallen into the gentle hands of our hero was not one to give a person short measure. He might have meant that the output was a K.W., but then he would not have been accused of lying. It was a cinch that Alfred would put a Crimp in the club that night.

By much guesswork he finally got the primary leads hooked up with the power line, and the secondary was more or less indifferently connected with the oscillation transformer, That didn't seem right to him, but it could be changed if it did not come up to expectations.

Night drew on, and Alfred waited until the smart alecs would be listening for X.Y.Z.

He closed the power switch and pressed the key.

Just what happened he never knew, for by the time the family smelled the burning rubber, he was probably taking out his harp check. That is giving him the benefit of the doubt.

Two days later the big "doings" were pulled off. The people attending said the floral offerings were great and that Mamma looked well in black.

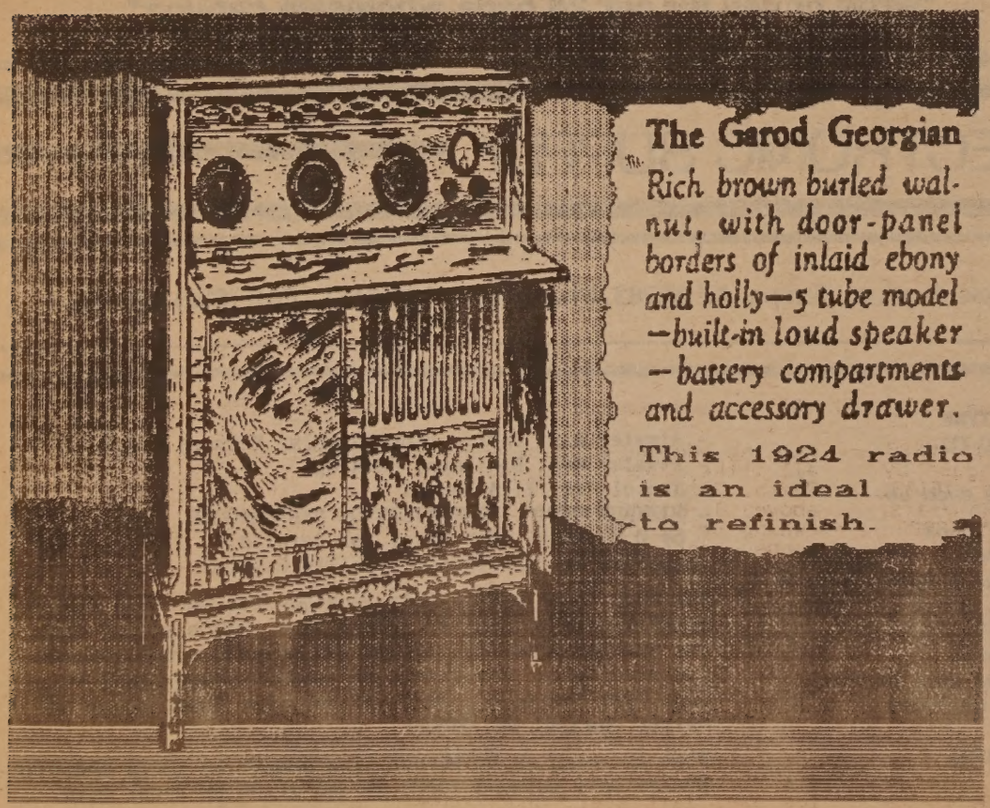
Unaware of the present whereabouts of Alfred, we can only say that we bet he is not transmitting. Perhaps he is listening to a phone concert by the Golden Harp Jazz Band, on his new Celestial Regenerative receiver. We think it possible if the thing had but one adjustment and they were sending on a broad enough wavelength.

Should his address be Sulphur Bath No. 3, it is not to be wondered at if you would find him with an asbestos copy of 'Elementary Principles of Electricity for Hams," by One Who Knows.

Moral - before you work POZ, you had better learn the code.

REFINISHING WOODEN RADIOS

by Tom Tompkins
owner, Metco Electronics


The Garod Georgian
Rich brown burled walnut, with door-panel borders of inlaid ebony and holly—5 tube model —built-in loud speaker —battery compartments and accessory drawer.
This 1924 radio is an ideal to refinish.

Before applying the new finish to a radio cabinet that has been stripped, compare the shading of the wood to what it was originally. Although the cabinet as a whole will be paler, some areas may have experienced a greater change in color than others. This is because factory-applied paints or colored varnishes have been lost, perhaps leaving trim and edges that once were darker than the surrounding wood exactly the opposite. These parts will need to receive special treatment before the overall staining is done. The required darkening of the wood may be accomplished by several applications of a darker stain than will be used elsewhere on the cabinet, or by brushing on a coat of custom-mixed latex paint. I frequently darken an off the shelf brown paint myself by adding some black, along with a bit af water to thin it. The brand or glossiness of the paints involved is unimportant. 'Whichever method you use, be sure to allow sufficient drying time before proceeding.

The next step in the refinishing process is to apply a suitable oil-based stain to the entire cabinet. 1 find that a "walnut" stain works well on most radios, with "jacobean" giving a slightly darker hue. Avoid varnish stain combinations, slnce irregularities in the finish are made more obvious by the coloring. A single coat, applied according to directions, is usually adequate. After the excess stain has been wiped off, the cabinet should be allowed to dry for at least 24 hours. Attempting to varnish it too soon afterwards will dissolve some of the stain into the varnish, accenuating any sags and runs in the finish.

Prior to varnishing, the entire cabinet should be vacuumed again to remove any dust that has collected. I recommend a single coat of satin-finish polyurethane varnish be applied to achieve the best results, use an

expensive brush that is about 1.5" wide. If the can of varnish might contain impurities from previous projects, it would be good idea to strain it through a piece of cloth into another container prior to use. Should the varnish be thickened through evaporation, dilute it with mineral spirits (paint thinner) until it flows easily. The varnishing should be done in a well-lighted room that is relatively free of airborne particles. A hand-held lamp aids greatly in seeing missed spots. You can avoid excessive bubbles as you brush by keeping the bristles nearly perpendicular to the surface of the wood dnring smoothing strokes.

If the finish is to your liking once dry, you can consider it a job well done. For extra smoothness and "glow," try this hint. .After the varnish has dried for at least 24 hours, go over the cabinet with a pad of 000 or 0000 steel wool that has been dipped in boiled linseed oil. Follow this with a thorough wiping down with a clean, absorbent cloth, This is also a good way to spruce up the origlnal finish on a cabinet that is still serviceable. If a little bit of stain is mixed in with the linseed oil it will help to hide blemishes.

Once the refinishing has been completed and the new finish has hardened, all that remains is reassembly of the radio. Take care when attaching metal bezels and knobs that you don't mar the cabinet's surface, which will likely remain susceptible to damage until the varnish has aged for several weeks.

The process 1've outlined in the past two articles has worked well for me, but there are many alternatives available to the amateur restorer. If you have some hints to share, I'm sure Jim would welcome them as a service to the collecting hobby.

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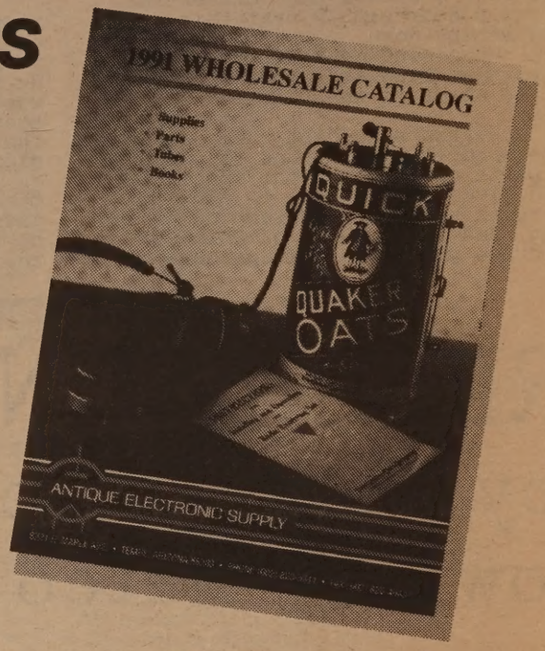

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4210	Bell			x									$4.00
4211	Base Pad Felt			x									.15
4214	Base Screw			x									.02
4215	Base Nut			x									.02
4251	Diaphragm	x	x	x	x		x		x	x		x	.40
4252	Diaphragm Gasket	x	x	x	x		x		x	x		x	.12
4254	Diaphragm Adj. Spring	x	x	x	x		x		x	x		x	.15
4259	9 ft. Cord	x	x	x	x		x		x		x	x	1.00
4261	Base Assembly			x									14.00
4266	Horn			x									10.00
4301	Diaphragm Washer	x	x	x						x		x	.15
4315	Shipping Container			x									.20 Net
4338	Reproducer Housing	x											1.75
4339	Reproducer Housing		x										1.75
4437	Phonograph Attach. 5-V												6.50
4438	Phonograph Attach. 6-C												6.50
4439	Reproducer Housing			x									1.50
4450	Sound Unit Nut							x					.03
4452	Reproducer Housing Set Screw			x									.05
4628	Sound Unit (Compl.)			x									8.00
4632	Reproducer Housing				x								1.25
4642	Horn Goose Neck				x								5.00
4645	Model L Speaker												16.00
4646	Magnet Housing Assem.	x	x	x								x	6.25
4648	Bell				x								4.00
4649	Reproducer Housing Screw					x							.02
4649	Bell Holding Screw				x		x		x				.02
4806	Reproducer Housing					x							1.25
4838	Diaphragm					x							.30
4849	Diaphragm Washer					x							.10
4850	Diaphragm Adj. Spring					x							.12
4864	Horn Goose Neck					x							2.90
4866	Diaphragm Gasket					x							.09
4887	Reproducer Housing Screw				x		x		x				.03
4888	Shipping Container				x								.25 Net
4889	6 ft. Cord					x							.60
4892	Shipping Container					x							.20 Net
4896	Magnet Housing Assembly					x							4.65
4897	Base Assembly					x							7.25
4933	Base Pad (Felt)					x							.12
4934	Base Pad (Felt)				x		x		x				.18
7573	Diaphragm Washer				x		x		x				.10
7578	Magnet Housing Assembly				x								4.50
7580	Base Assembly				x								7.25
7693	Reproducer Housing						x		x				1.25
7700	Model H Speaker												21.00
7701	Horn Goose Neck						x						8.50
7717	Magnet Housing Assembly						x		x				4.75
7718	Base Assembly						x						8.50
7719	Bell						x						4.50
7720	Shipping Container						x						.35 Net
7727	Base Nut							x					.15
7741	Diaphragm Pin							x					.05
7745	Sound Unit Reed							x					.05
7754	Base Pad (Felt)							x					.15
7755	Base Washer							x					.08
7758	6 ft. Cord							x					.60
7759	Base Screw							x					.05
7779	Shipping Container							x					.80
7781	Frame Including Name Plate							x					6.00
7782	Sound Unit Assembly							x					9.00
7873	Diaphragm							x					1.25
7874	Base Only			x									4.00
7876	Base Only				x		x						1.00
7877	Base Only					x							.60
7878	Bell					x							2.25
7879	Base							x					.75
7881	Sound Unit Complete					x							6.75
7882	Sound Unit Complete				x								6.50
7883	Sound Unit Complete						x		x				8.00
8316	Shipping Container								x				.35 Net
8362	Base Only								x				1.50
8363	Reproducer Housing								x				1.25

(Continued from last month.)

Above is a cross reference list of all of the major parts used in the Atwater Kent battery radios between 1924 and 1927. It tells which sets each of the listed parts were used. This list was printed by A. K. in 1927.

Ray

(To be continued.)

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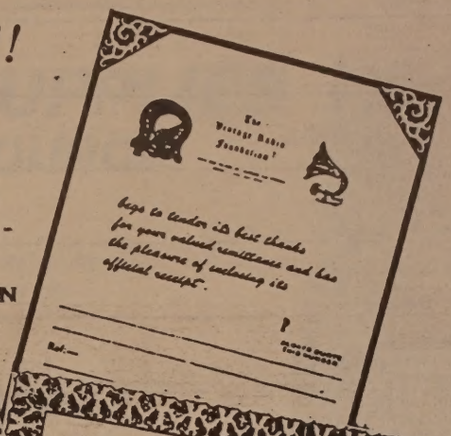

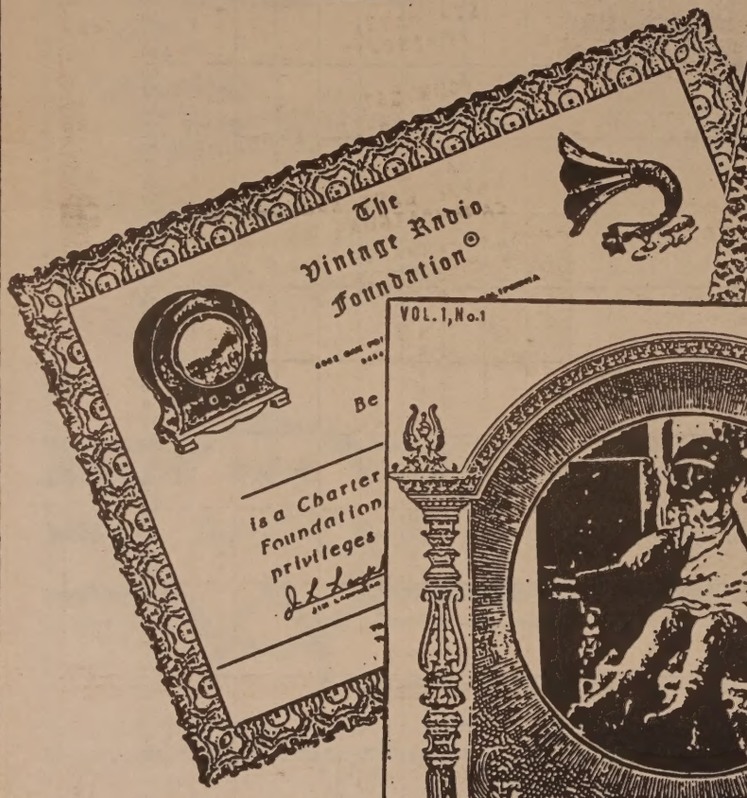

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.0022	.19	
.0033	.19	
.0047	.19	
.01	.19	.37
.015	.21	.40
.022	.23	.43
.033	.26	.46
.047	.31	.48
.1	.40	.63
.22		.91
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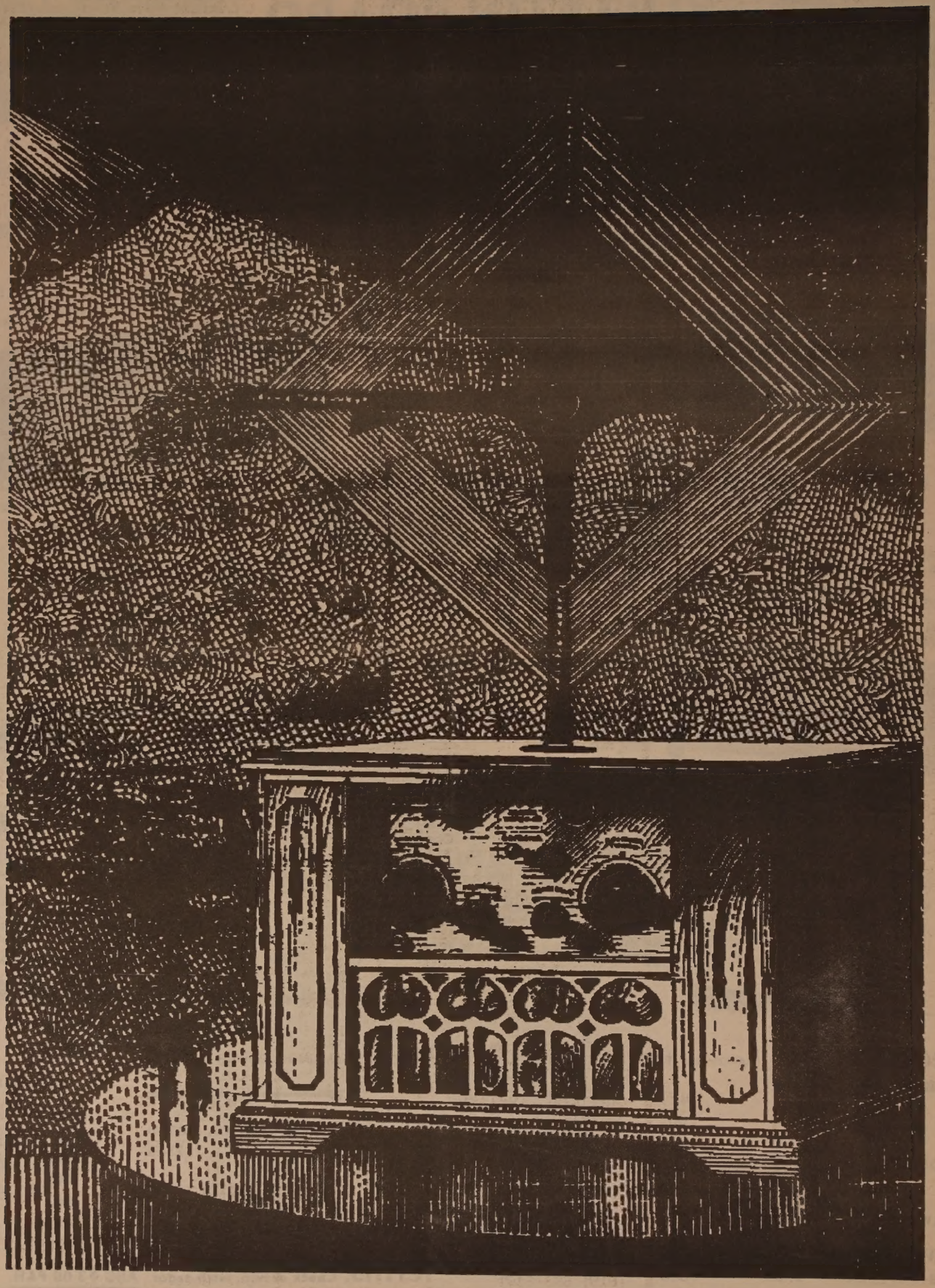

6

A FEW SAMPLES FROM THE AWA AUCTION REPORT	1990
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DeForest

Here are a few words about the DeForest D12 pictured to the left. Roy Weagant came to work for DeForest in 1924. He had worked for RCA since early wireless days. Weagant remodeled the D12 by re-designing its cabinet and panel, and replacing the crystal detector with a fifth tube, which outdated every D12 in dealers' stock. But anyway by terms of consignment contracts the manufacturer was obliged to take them back. Later these D12 circuits were changed into D17 circuits, all to be sold by 1925..

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FREE: Send 2-stamp LSASE for just released flyer, No. 190A to: Olde Tyme Radio Company, 2445 Lyttonsville Road, silver Spring, MD 20910
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THE FOLLOWING LIST INCLUDES OLD RADIOS AND OLD TEST EQUIPMENT WHICH WERE NOT TESTED. ALL NON MILITARY ITEMS. A) POWERTRON model 250 frequency generator. 350-450 Hertz complete. Uses 6550 tubes. $30.00 B) DELCO car radio model 626 complete with 2 control heads. One has a Chevrolet symbol on the dial. The other has Motorola written on dial. tubes: 2) 6D6, 6A7, 6B7, 42. Highest s/n 1,938,256 about 1934 vintage. $30.00. C) DELCO stereo solid state car radio service model 36CMW1 complete. $7.00 D) SANBORN 500 Viso Cardiette cardiograph. May need repair. $5.00 E) LEAR Aircraft Automatic direction finder model ADF-12C3 28V. No display head, unknown condition. $3.00 F) RADIOLA 25, no antenna or tubes, in rough shape, 1925 vintage battery set. $30.00 G) RADIOLA chassis for parts, about 1925 vintage. $5.00 H) OPTIMATION Sine wave oscillator model AC- 1088, complete 10-99900 Hertz $30.00 I) About 2,000 radio tubes from the early 20's up. from $2.00 each. MILITARY --- The following are WWII aircraft radios and accessories. They appear to be in good condition and complete, but were not tested: 1) SIGNAL CORPS US ARMY TRANSMITTER TUNING UNIT TU-SS-B Frequency range 350-650 KC Date November 1, 1940 $20.00 2) AIRCRAFT RADIO RECEIVER, INCLUDES COIL SET OF YOUR CHOICE. type CW-46051A a unit of model RU-16 A/C radio equipment Western Electric contract date 21 April 1941. Navy Dept. Bureau of ships $30.00 3) MODEL RU-16 COIL SET Range H (4000-6000 kc) Type CW-47072 Contract date 21 April 1941 $10.00 4) DUAL COIL SET FOR MODEL RU-17 Low range Q (540-830 kc) High range F (2040-3000 kc) Type CW-47204 Contract date 4/21/41 mfg. for navy dept. Bureau of ships. 5) MODEL RU-11 COIL SET Range C (545-850) TYPE cby-47067 Date 11-22-39 6) MODEL RU-17 DUAL COIL SET Low range O (195-290 kc) High range P (290-435 kc) Type CW-47105 Navy department Bureau of Ships Date 21 April 1941 7) COIL SET FOR MODEL RU-18 range k (9050-13575 kc) Type CW-47075 April 21, 1941 8) MODEL RU-11 COIL SET Range L (400-600 kc) Type CBY-47106 Date 11-22-39 9) MODEL RU-11 COIL SET Range E (1330-2040 kc) Type CBY-47069 Date 11-22-39 10) DUAL COIL SET FOR MODEL RU-19 Low range Q (540-830 kc) High range F (2040-3000 kc) Type CW-47204 MFG. FOR NAVY DEPT. -BUREAU OF SHIPS Contract date April 21, 1941. 11) MODEL GF-12 COIL SET Range 6000-7350 kc Contract date is 21 April 1941 $10.00 12) SIGNAL CORPS US ARMY Coil Unit C-350 Low range: 201 to 398 kc High range: 4150 to 7700 kc used with any radio receiver BC-AO-429 $15.00 13) COIL SET C-376 Range 2500 to 4700 kc for receiver BC-229 or BC-AR-429 $10.00 14) DUAL COIL SET REMOTE CONTROL Type CW-23054 $3.00 15) DYNAMOTOR FILTER UNIT Type CW-21454A wt. 13.7 lbs. A unit of RU-17 aircraft radio equipment MFG. FOR NAVY DEPT. BUREAU OF SHIPS Date 21 April 1941 Aviation dynamotor Type 651 model 1 Input 28 V. 4 amp. Output 425 V. .163 amp. style A like new $50.00 16) RECEIVER SWITCH BOX Type CW-73096A A unit of model RU-16 aircraft radio equipment NAVY DEPT.

-BUREAU OF SHIPS Contract date 21 April 1941 2 @ $10.00 each 17) REMOTE TUNING CONTROL FOR RU-16 Type CW-23012 Contract date 21 April 1941 2 @ $10.00 each 18) ANTENNA LOOP REMOTE CONTROL Type CBY-23051 $3.00 19) SIGNAL CORPS US ARMY Radio control box BD-142 $5.00 20) CRYSTAL CALIBRATOR AND MONITOR Type CGQ-60132 Fpr use with model TBX-8 radio equipments NAVY DEPT. -BUREAU OF SHIPS August 1945 Some parts missing $2.00 21) TUNING DIAL 0-100 cable operated $2.00 22) Assorted drive cables, elbow, connectors/ plugs, etc. 23) Navy ship board aircraft receiver model RCK, WWII built by E. H. Scott with manual. frequency range 115-156 mc. some paint peeling off case 115 V. AC 1 phase contract date 3/18/43 $50.00 24) TIMER, CAMERA part NO. A24333. Made by A. W. Haydon C.C Waterbury, CT $3.00 25) DUAL COIL SET FOR MODEL RU-17 Low range F (2040-3000 kc) High range N (6000-9050 kc) Type CW-47202 Contract date 1/24/42 $15.00 26) DUAL COIL SET FOR MODEL RU-17 Low range L (400-600 kc) High range N (6000-9050) kc) Type CW-47112 Contract date 21 April 41 NAVY DEPT. -BUREAU OF SHIPS $15.00 27) MODEL RU-17 COIL SET Range K (9050-13575 kc) Type CW-47075 Contract date 21 April 41 $10.00 28) MODEL RU-18 COIL SET Range D (850-1330 kc) Type CW-47068 $10.00 29) AIRCRAFT RADIO RECEIVER, includes coil set your choice. Type CW-46051A A unit of model RU-17 A/C radio equipment. Western Electric contract date 21 April 1941 NAVY DEPT. -BUREAU OF SHIPS $30.00. RICHARD S. JAMIESON, 325 Franklin Tpk., ridgewood, NJ 07450 (201) 447-5331.

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FOR SALE, YOU PICK UP, 18 FLOOR MODELS, NAVY NATIONAL SHORT WAVE, 92 TABLE MODELS, 2 POLICE RADIOS, 2 1 CHANNEL HEATHKITS, 1 DX 100 HEATHKIT, 4 HALLICRAFTER RADIOS, 2 AIR FORCE RECEIVERS, APPROXIMATELY 1,000 TUBES, 1 HOTEL RADIO RCA, 1 ATWATER KENT, 1 ARVIN CAR RADIO, 5 TUBE TESTERS, 2- GI FIELD RADIOS I NO BATTERY PACK, 1 ARMY UNIT, 1 GERMAN LUFF AIR FORCE RADIO WOOD 4 OLD SETS FOR PARTS, CALL OHIO (614) 878-1858. YOU PICK UP. 1 LOW PRICE FOR ALL $4,000 --- JACK SNYDER, 65 GLADYS ROAD, COLUMBUS, OH 43228.

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GENERAL RADIO TYPE 1231-P2 tuned circuit, switch selected 400 or 1,000 cycles, 25.00 ppd. Jack Box BC-13 66, NIB 11.00 ppd. Superior Instrument sional generator, 6 bands 100 kc to 180 mc, 25.00 ppd. IRC volume control kit metal box, empty 7.50 ppd. Knight- kit tube tester, rough condition, no model number, 17.50 ppd. Original handbook for radio set AN/APN-1, AN/APN-1A, AN/APN-1B and AN/APN1X, like new, 17.50 ppd. ---- James Fred, R 1, Box 1, Cutler, IN 46920.

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SUPERIOR INST. GRENOMETER MODEL TV50A, AS IS, $15. -- GREENWICH RADIO PRODUCTS VOLT- OHMMETER, VERY OLD $10. -- STANCOR ISOLATION TRANS. P6298 $50. -- HEATHKIT TV ALIGNMENT GENERATOR MODEL TS-4, $25. --AURICON SOUND ON FILM RECORDING AMPLIFIER MODEL EB-10, LOOKS GOOD, SHIPPED FREE. ----- JAMES FRED, R1, CUTLER, IN 46920.

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THE VINTAGE RADIO FOUNDATION - - - are you a member? - if not, get full information from Jim Lanphear, 4062 Oak Point Ct., Hayward, CA -- 94542.

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FOR SALE -- HEATHKIT

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HEATHKITS -- models IT-5235, IG-5228, IG-37, for TV-FM repair, C. S. Hoffman, 824 Gordon Street, Allentown, PA 18102.

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RIDER PERPETUAL TROUBLE SHOOTER'S manuals 1 thru 17 plus separate index $500.00 -- also - Sam's manuals 1 thru 17 in original envelopes with index on front. Over 600 schematics and pictures $100.00. I will send pre-paid, insured and require signature on delivery. If interested I will send photo write C. T., 5270 East Euclid Avenue, Boulder, CO 80303

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SAMS PHOTOFACTS, AUTO RADIO AND TRANSISTOR RADIO SERVICE. 189 BOOKS, GOOD CONDITION -- SOME STILL IN CELLOPHANE WRAPPERS. 1966-1973, FIRM PLUS SHIPPING (918) 786-4514, ALAN

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NEW AND USED TUBES, electrolytic capacitors, cone speakers, send SASE for lists. C. Elmer Nelson, 11 S. Church Street, Princeton, IL 61356.
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FOR SALE: TUBES FOR EARLY BATTERY AND ELECRTRIC RADIOS. SASE FOR PRICE LIST. SAM FAUST, P. O. BOX 94, CHANGEWATER, NJ 07831.
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OLD-LIGHTED GE RADIO SIGN -- RUSSELL SCHOEN, E7340 NIETZKE ROAD, CLINTONVILLE, WI 54929. (715) 823-6744.
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NEW AND USED TUBES, electrolytic capacitors, cone speakers. Send SASE for lists. C. Elmer Nelson, 11 S. Church Street, Princeton, IL 61356.
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LARGE CONSOLE SPEAKER, HAD GREBE SITTING ON TOP --- PHOTO (2) FRONT - BACK $1.00 ---- RUSS OLMSTED, 608 W. THOMPSON LANE, MURFREESBORO, TN 37129.
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FOR SALE --- TELEVISIONS
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FARNSWORTH model 651-P, 10" B/W, 194@8, walnut table model, 29 tubes, Completely restored cabinet and electronics, $1,200 plus shipping costs. Panasonic TR001 and Sinclair Nine TVs, $400 plus shipping costs. Send SASE and $1.00 for photo. Bill Russell, 3236 Laurel Canyon, Santa Barbara, CA 93105.
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FOR SALE --- ZENITH
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ZENITH MODEL 7G605 TRANSOCEANIC PORTABLE - 1941 (SEE MARCH 1990 HORN SPEAKER) $110, ALSO HAVE ZENITH 6G001Y ZENITH PORTABLE $35.00. PAT STEWART, W7GVC, 1404 RUTH AVENUE, WALLA WALLA, WA 99362 (509) 525-1699.
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WANTED

WANTED --- AMATEUR EQUIPMENT

WANT GREBE SHORTWAVE RECEIVER 1920'S 1930'S AMATEUR RADIO TRANSMITTERS, RECEIVERS. HALLICRAFTER HT6 TRANSMITTER- HOWARD 430 438 AMATEUR RECEIVER -- R. OLMSTED, 608 W. THOMPSON LANE, MURFREESBORO, TN 37129.

WANTED --- AMECO
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15 WATT TRANSMITTER, Ameco, Please contact, M. G. Clute, K5DXV, Route 1, Jewett, TX 75846.

WANTED --- ARMY SURPLUS

I WOULD LIKE TO FIND AN ARMY SURPLUS TRANSMITTER BC-223 AX with TU coil sets. Transmitter uses 801 and NR46 tubes. Would like any repairable or parts set. K4UJZ, 608 W. Thompson Lane, Murfreesboro, TN 37129.

WANTED --- ATWATER KENT

TOP COVER FOR MODEL 2 ATWATER KENT. L. G. SIEBERT, 195 MONMOUTH DRIVE, KAMLOOPS, B. C. CANADA V2E 1L9 ---
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TONE BEAM for model 480. Will pay your price. Interested in buying any old radios. Send description, model and price and I'll reply. H. Thomas Hale III, 2574 Ocelot Avenue, NE, North Canton, OH 44721.

WANTED --- COLLINS

"COLLINS SIGNAL" newsletters; ARRL, "Hints and Kinks." Old Collins receivers and transmitters, Grebe RORD-- Parker, W1YG, 87 Cove Road, Lyme, CT 06371. (203) 434-7783.

WANTED -- GLOBE TROTTER

1959 RCA "Globe Trotter" portable radios. model IT5J or IT5L. Must play perfect! Mike Hanke, 1036 South 15th Avenue, Wausau, WI 54401.

WANTED --- HALLICRAFTERS

HALLICRAFTERS SHORT model SX42. Call (312) 961-7737. Rich.

WANTED --- LITERATURE

1946 - 1952 "general merchandise" or Continental mail order catalog in good condition. Mike Hanke, 1036 South 15th Avenue, Wausau, WI 54401.

SCHEMATIC for a Crosley 4-29 -- Jack Emery, Box #84, 5546 Union Street, Lexington, MI 48450.

OPERATING MANUAL and tube data sheets for Jackson Dynamic tube tester model 636. Zerox copy OK, Frank Hoffert, 19605 Chardon road, Cleveland, OH 44117.

WANTED --- MISCELLANEOUS

1928 RADIO AGE MAGAZINES, ROTARY SPARK GAP TRANSMITTER, GREBE RORD --- PARKER, W1YG, 87 COVE ROAD, LYME, CT 06371 (203) 434-7783 after 0300 gmt.

-OLD VIOLINS/ FIDDLES -- ANY CONDITION - BUY - SELL - TRADE - REPAIR - CONTACT - JAMES BARNES - UNIVERSITY OF TENNESSEE - 206 FERRIS HALL - KNOXVILLE, TN 37996 (615) 974-5489

MARCH 1990 AD -- INFORMATION ON NATIONAL RCP modified 1945 by Schuttig Company --- Walter sutton, 2530 Louisiana Street, Beaumont, TX 77702. (409) 838-5104.

WANTED --- NATIONAL

NATIONAL "VIDEO METER" wood or metal case - complete or not --- Fred Emerson, 627 Illinois Avenue, Elgin, IL 60120.

WANTED --- PARTS, TUBES, ETC.

WANTED: SONORA TUBE no's RA-1, DE-1, SO-1, RE-1, Arcturus tube no's 26, 27, 71A, 80, ballast tube type 12S. John Swett, 8116 Olmway, Olmsted Falls, OH 44138. (216) 235-1463.

ZENITH 75633 DIAL GLASS, 5 1/2" X 7" CURVED, PT. NO. 192-68. PHILCO 90 POWER TRANSFORMER. PHILCO CATHEDRAL CABINETS. ZENITH 5R312 PUSH BUTTONS. GERNSBACK OFFICIAL SERVICE MANUAL VOL. 6 AND INDEX. RIDER AUTO RIDER INDEX. ALVIN HECKARD, RD 1, BOX 88, LEWISTOWN, PA 17044.

AMATEUR BAND SPREAD COILS FOR NATIONAL SW-3. Also need parts and schematic for Harvey Radio Laboratories amateur transmitter 90-C, circa 1938. Leland Smith, W5KL, HCR=31, Box 147, Jasper, AR 72641, (501) 428-5967.

WANTED: POWER TRANSFORMERS FOR SONORA MODELS A-30, A-32, A-40, 2RP-25, 3R or 4R. Bottom left brass knob for Northern Electric model 50. Sonora and Eveready tubes. John Swett, 8116 Olmway, Olmsted Falls, OH 44138. (216) 235-1463.

AK model 10 RF coil with name plate and single tube socket with binding posts. Bob Nicholson, 3423 S. Long, Topeka, KS 66605. (913) 266-9473.

TRANSMITTING TUBES and oddball milk bottles from old diathermy machines (HF 150, FP 285, 285, 211, etc.) TCBA, 3 Amy Lane, Queensbury, NY 12804

RHEOSTAT DIAL for Stromberg Carlson, Joe Warburton, 954 East Madison Street, Brownsville, TX 78520.

JAPANESE SUBS for UZ133D - UF109A - UF134 and UZ135. -- C. S. Hoffman, 824 Gordon Street, Allentown, PA 18102.

I NEED A MAROON CABINET and two orange knobs for a Fada 1000 radio. Also need 4 WD11's. Write or phone 1-802-862-4394. Walter Keith, 269 White Street, South Burlington, VT 05403.

ERLA BALLON CIRCLOID coupler 200-500 M for ERLA model S-11. Jim Briscoe, P.O. Box 327, Shoals, IN 47581, (812) 247-2497.

WANTED --- PHILCO

DIAL AND SPEAKER for Philco no. 90-90A or chassis and speaker. Any condition. S. K. Hughes, 1338 E. Mulberry Street, Phoenix, AZ 85014. 1-602-248-0734.

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EDISON RECORDS WANTED. H. Custer, 30635 Helmandale, Franklin, MI 48025.

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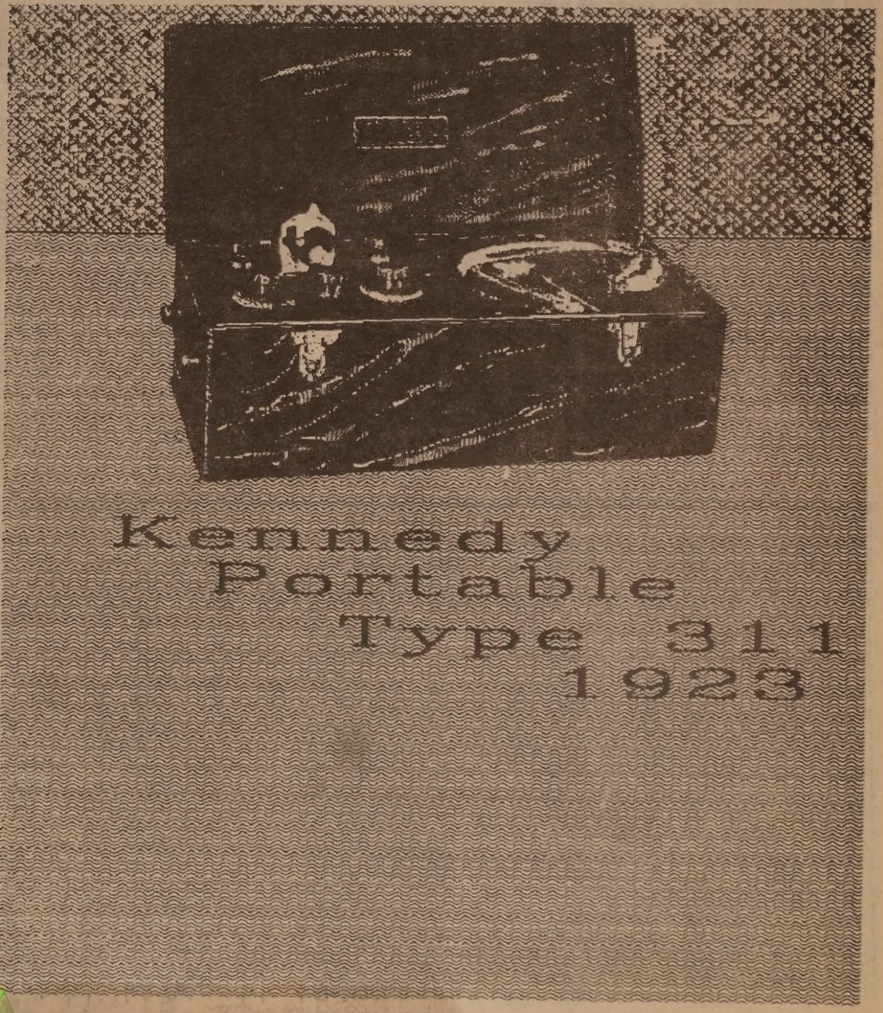

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